

To: Vaughn, Stephanie[Vaughn.Stephanie@epa.gov]
Cc: Doug Simmons[doug.simmons@aecom.com]; Sharon Budney[BudneySL@cdm.com]
From: Robert Law
Sent: Tue 10/1/2013 11:41:05 AM
Subject: SSP2 Daily Status Report for Monday 30 September 2013

This email provides the daily status report for the LRC SSP2 sampling program for 30 September 2013. Two sampling vessels and one transport boat were in operation today. Sampling at five stations was completed today.

Transport Boat

1) The transport boat transported OSI staff to and from their vessel (CanDu) which is moored off the CPG dock at the beginning and end of the day and transported cores to the field facility for processing.

Sampling Vessel CanDu

2) Station 13B-0561 - Grab and Core

a. Two cores were advanced and three grab samples were attempted at this station today. Core 1 was advanced 8.0 feet with 7.7 feet of recovery or 96%. Core 2 was advanced 9.5 feet with 8.7 feet of recovery or 92%. Grab samples 1 and 2 had no recovery. Grab sample 3 was retained for processing.

b. This station was not processed today.

3) Station 13B-0562 - Grab and Core

a. Four cores were advanced and one grab sample was attempted at this station today. Core 1 was advanced 8.0 feet with 5.9 feet of recovery or 74%. This core had less than 80% recovery and was disposed of as IDW. Core 2 was advanced 10.0 feet with 9.0 feet of recovery or 90%. Core 3 was advanced 6.5 feet with 6.5 feet of recovery or 100%. Core 4 was advanced 9.5 feet with 8.0 feet of recovery or 84%. Four cores were advanced at this station to provide sufficient volume for EPA QC samples. Grab sample 1 was retained for processing.

b. This station was not processed today.

Sampling Vessel WilDu

4) Station 13B-0503 - Grab and Core

a. Three cores were advanced and one grab sample was attempted at this station today. Core 1 was advanced 3.5 feet with 3.3 feet of recovery or 94%. Core 2 was advanced 2.9 feet with 2.5 feet of recovery or 86%. Core 3 was advanced 1.8 feet with 1.5 feet of recovery or 83%. Grab sample 1 was retained for processing.

b. This station was not processed today.

5) Station 13B-0502 - Grab and Core

- a. Three cores were advanced and one grab sample was attempted at this station today. Core 1 was advanced 8.3 feet with 5.7 feet of recovery or 69%. This core had less than 80% recovery and was disposed of as IDW. Core 2 was advanced 3.5 feet with 2.8 feet of recovery or 80%. Core 3 was advanced 3.3 feet with 2.3 feet of recovery or 70%. This core had less than 80% recovery and was disposed of as IDW. Grab sample 1 was retained for processing.
- b. This station was not processed today.

6) Station 13B-0569 - Grab

- a. Three grab samples were attempted at this station today. All three grab samples had 0% recovery, so no sample was collected from this station.

Sample Processing of 9/26 Stations

7) Station 13B-0505 - Core and Grab

- a. This station was sampled on 9/26 and processed today.
- b. Core 1 was processed as the primary core and Core 2 was processed as the secondary core. Grab sample 2 was also processed.
- c. Native material was encountered at 5.2 feet in Core 1 and a native material transition zone was observed in Core 2 at 5.3 feet. Four core intervals (A, B, C, and F) were submitted for analysis and two core intervals (D and E) were archived.
- d. No EPA QC samples were collected from this station.
- e. No CPG QC samples were collected from this station.

Sample Processing of 9/27 Stations

8) Station 13B-0562 - Grab

- a. This station was sampled on 9/27 and processed today.
- b. Grab sample 2 was processed.
- c. One interval (A) was submitted for analysis.
- d. No EPA QC samples were collected from this station.
- e. No CPG QC samples were collected from this station.

9) Station 13B-0565 - Grab

- a. This station was sampled on 9/27 and processed today.
- b. Grab sample 1 was processed.
- c. One interval (A) was submitted for analysis.
- d. No EPA QC samples were collected from this station.
- e. No CPG QC samples were collected from this station.

10) Station 13B-0566 - Grab and Core

- a. This station was sampled on 9/27 and processed today.
- b. All core samples had less than 80% recovery, so no core sample was collected. Grab sample 3 was processed.
- c. One interval (A) was submitted for analysis.
- d. No EPA QC samples were collected from this station.
- e. No CPG QC samples were collected from this station.

11) Station 13B-0568 - Grab

- a. This station was sampled on 9/27 and processed today.
- b. Grab sample 2 was processed.
- c. One interval (A) was submitted for analysis.
- d. No EPA QC samples were collected from this station.
- e. No CPG QC samples were collected from this station.

12) Station 13B-0560 - Core and Grab

- a. This station was sampled on 9/27 and processed today.
- b. Core 1 was processed as the primary core. Core 3 was processed as the secondary core. Grab sample 1 was also processed today.
- c. Transition to native material was observed at 5.14 feet in Core 1 and 4.9 feet in Core 3. Four core intervals (A, B, C, and G) were submitted for analysis and three core intervals (D, E, and F) were archived.
- d. EPA collected split samples from B and C intervals.
- e. No CPG QC samples were collected from this station.

- 13) The boat crews were off-water by 17:15.
- 14) No non-conformances from the project QAPP were noted today.
- 15) No Health and Safety issues were noted today.
- 16) Pat Connelly of CDM-Smith was on the Candu in morning and observed processing in the afternoon.
- 17) Sampling for sediment at stations 13B-0501, 13B-0506, and 13B-507 for the WILDu and 13B-0572, 13B-0573, and 13B-0574 for the CanDu is scheduled to begin Tuesday 01 October 2013 at 07:00.

Robert Law, Ph.D.
de maximis, inc.
rlaw@demaximis.com
Voice: 908-735-9315
Fax: 908-735-2132